EAST Search History

Re f #	Hits	Search Query	DBs	Defau It Opera tor	Plur als	Time Stamp
L1	811	(514/235.2).CCLS.	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2007/07/11 11:22
L2	1129	(544/124).CCLS.	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2007/07/11 11:22
L3	114	I2 and I1	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/07/11 11:22

7/11/07 11:23:16 AM Page 1

10/727,168> 07/11/2007

of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 11:26:42 ON 11 JUL 2007

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:27:11 ON 11 JUL 2007 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2007 American Chemical Society (ACS)

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STRUCTURE FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5 DICTIONARY FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

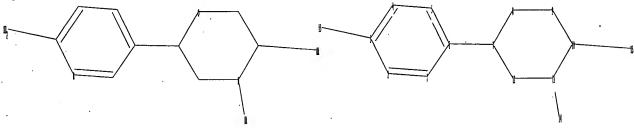
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting ${\tt SmartSELECT}$ searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

Uploading C:\Program Files\Stnexp\Queries\10727168.str



chain nodes :

13 14 15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

3-13 6-7 10-15 11-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

3-13 7-8 7-12 8-9 9-10 10-11 10-15 11-12 11-14

Page 2

10/727,168>

07/11/2007

exact bonds :

6-7

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems:

containing 1: 7:

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS

L1 STRUCTURE UPLOADED

=> d ·

L1 HAS NO ANSWERS

L1

STR

NH2 Ak Ak

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 11:27:33 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 10 TO ITERATE

100.0% PROCESSED

10 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH

COMPLETE

PROJECTED ITERATIONS:

11 TO 389

80

PROJECTED ANSWERS:

1 TO

1 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 11:27:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED -

278 TO ITERATE

100.0% PROCESSED

278 ITERATIONS

24 ANSWERS

SEARCH TIME: 00.00.01

24 SEA SSS FUL L1

SAEED

Page 3

10/727,168>

07/11/2007

=> file caplus COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 172.10 172.31

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 11:27:51 ON 11 JUL 2007 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 11 Jul 2007 VOL 147 ISS 3 FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

=> s 13 L4

3 L3

=> d ibib abs hitstr tot

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L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:795716 CAPLUS
DOCUMENT NUMBER: 145:230638
Preparation of [(2R,5S)-5-methyl-4-propylmorpholin-2-
yllpyridin-2-amine di-(5)-camphorsulfonate for
treatment of sexual dysfunction and neurological
disorders.

INVENTOR(S): Green, Stuart Peter; Lazzari, Olivier Alain; Miller,
Duncan Charles; Salingue, Fabrice Henri
PATENT ASSIGNEE(S): Pfizer Limited, UK
PCT Int. Appl., 57pp.
COOEN: PIXXD2
DOCUMENT TYPE: COOEN: PIXXD2
Patent Limited, UK
PCT Int. Appl., 57pp.
COOEN: PIXXD2
Patent Limited, UK
PCT Int. Appl., 57pp.
COOEN: PIXXD2
Patent Information:
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PAT	ENT A	10.			KIN	D	DATE			APPL	ICAT:	ION	NO.		D,	ATE	
						-									-		
WO	20060	825	11		A1		2006	0810	1	WO 2	006-	B22	2		2	0060	126
	W:	AE,	AG,	AL,	AM,	AT,	ΑU,	AZ,	BA,	вв,	BG,	BR,	BW,	BY,	ΒZ,	CA,	CH,
		CN,	co,	CR,	Cυ,	CZ,	DE,	DK,	DM,	DZ,	EC,	EÉ,	EG,	ES,	۴I,	GB,	GD,
		GE,	GH,	GM,	HR,	ΗU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KN,	ΚP,	KR,
		KZ,	LC.	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,
		MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	sc,	SD,	SE,
		SG,	SK,	SL,	SM,	SY,	ŦJ,	TM,	TN,	TR,	ΤŤ,	TZ,	UA,	υG,	US,	UZ,	vc,
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		IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ВJ,
		CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	BW,	GH,
		GM,	KΕ,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,
		KG,	KZ,	MD,	RU,	ŤJ,	TM										
NL	10310	087			A1		2006	8080		NL 2	006-	1031	087		2	0060	206
NL	10310	087 -			C2		2007	0119									
US	2006	837	40		Al		2006	0817		US 2	006-	3493	24		2	0060	206
PRIORITY	APP	LN.	INFO	٠:						GB 2	005-	2509		4	A 2	0050	207
										US 2	005-	6542	00P		P 2	0050	218

AB Title compound (I) was prepared I (preparation from 2-amino-5-bromopyridine, 2-chloro-N-methoxy-N-methylacetamide, (S)-2-amino-1-propanol, and propionaldehyde given) showed functional potency at the dopamine D3 receptor with ECSO = 21 nM.

1905577-05-19 905577-06-2P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of methylpropylmorpholinylpyridinamine camphoraulfonate for treatment of sexual dysfunction and neurol. disorders)

RN 905577-05-1 CAPLUS
CN Bicyclo(2.2.1)heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (15,4R)-, compd. with S-[(2R,SS)-5-methyl-4-propyl-2-morpholinyl)-2-pyridinamine (2:1) (9CI) (CA INDEX NAME)

ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

905577-08-4P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of methylpropylmorpholinylpyridinamine camphorsulfonate

treatment of sexual dysfunction and neurol. disorders)
905577-08-4 CAPLUS
2-Pyridinamine, 5-[(55)-5-methyl-4-propyl-2-morpholinyl]- (9CI) (CA

Absolute stereochemistry.

REFERENCE COUNT

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

Absolute stereochemistry. Rotation (+).

905577-06-2 CAPLUS
Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,
[15,4R]-, compd. with 5-[(2R,5S)-5-methyl-4-propyl-2-morpholinyl]-2pyridinamine (2:1), monohydrate (9CI) (CA INDEX NAME)

CRN 710655-15-5 CMF C13 H21 N3 O

Absolute stereochemistry. Rotation (+).

L4 ANSWER 2.0F 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:
DOCUMENT NUMBER:
144:36256
Aminopyridine derivatives as selective dopamine D3
agonists, their preparation, pharmaceutical
compositions, and use in therapy
Allerton, Charlotte Moirs Norfor; Cook, Andrew Simon;
Mepworth, David; Miller, Duncan Charles
Pfizer Limited, UK; Pfizer Inc.
CODEN: PIXXD2
DOCUMENT TYPE:
LANGUAGE:
PAMELY ACC. NUM. COUNT:
PAMELY TARGORMATION:

CONTROL TO THE COUNT:
PAMELY ACC. NUM. COUNT:
PAMELY TARGORMATION:

PA	PENT :	١٥.			KIN		DATE			APPL	ICAT	ION	NO.		D.	ATE	
WO	2005	1159	85												2	0050	517
	W:	AE,	AG,	AL,	AH,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	ÇA,	СН
		CN,	co,	CR,	Cυ,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD
							ID.										
		LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MIN,	MW,	MX,	MZ,	NA
							PG,										
		SL,	SM,	SY,	TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	υz,	VC,	VN,	Υt
		ZA,	ZM,	ZW													
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	2W,	A٨
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		RO,	SE,	SI,	SK,	TR,	BF,	BJ,	CF,	ÇG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	MI
		MR,	NE,	SN,	TD,	TG											•
AU	2005 2567	2476	99		Al		2005	1208		AU 2	005-	2476	99		2	0050	517
CA	2567	935			AI		2005	1208		CA 2	005-	2567	935		2	0050	517
EP	1758	862			A1		2007	0307		EP 2	005-	7471	91		2	0050	517
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		IS.	IT.	LI.	LT.	LU.	MC,	NL.	PL,	PT,	RO,	SE,	SI,	SK,	TR,	AL,	BA
٠.		HR,	LV,	MK,	YU												
CN	1956	958			А		2007	0502		CN 2	005-	8001	7047		2	0050	517
	1029										005-						
NL	1029	139			Ç2		2006	0619									
US.	2005	2882	70		A1		2005	1229		US 2	005-	1387	08		2	0050	526
NO	2006	0053	26		A		2006	1219		NO 2	006-	5326			2	0061	120
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										GB 2	004-	1246	3		A 2	0040	603
										US 2	004-	5851	33P		P 2	0040	70
											005-					0050	

MARPAT 144:36256

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

L4 ANSMER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) over D2. In compds. I, R1 and R2 are independently selected from H and C1-6 alkyl; and R3 is selected from (un) substituted morpholin-2-yl, (un) substituted thiomorpholin-2-yl, (un) substituted piperidin-3-yl, (un) substituted actidin-3-yl, (un) substituted pyrrolidin-3-yl, and (un) substituted (dialkylaminethyl; including pharmaceutically acceptable salts, solvates, polymorphs, and prodrugs thereof. The invention also relates to the prepn. of I, pharmaceutical compns. comprising a compd. I and a pharmaceutically acceptable diluent or carrier, as well as to the use of the compns. for the treatment and/or prevention of sexual defunction. Condensation of 2-amino-5-bromopyridine with 2.5-hexanedione and coupling with 2-chloro-N-methoxy-N-methylacetamide dave poridine fit.

nexamedione and coupling with 2-chloro-N-methoxy-N-methylacetamide gave pyridine II, which underwent asym. redn., ring closure to the epoxide, and ring

opening
with (S)-2-aminopropan-1-ol to give diol III. The pyrrole moiety of III
was cleaved to release the free amine followed by morpholine ring

preseductive amination with 3-phenylpropanal and MPLC sepn. of diastereomers
to give compd. IV. The compds. of the invention are agonists of dopamine
secaptors and are selective for D3 over D2 (no data).
870688-73-69 870688-74-79 870688-75-89
870688-76-99 870688-82-79 870688-83-89
870688-85-09 870688-86-19

RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(chiral drug candidate; preparation of aminopyridine derivs. as

(chiral drug candidate; preparation of aminopyridine derivs. as selective dopamine D3 agonists)
RN 870688-73-6 CAPLUS
CN 3-McTpholinemethanol, 6-(6-amino-3-pyridinyl)-4-propyl-, (3S,6R)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry

870688-74-7 CAPLUS 3-Morpholinemethanol, (CA INDEX NAME) 6-(6-amino-3-pyridinyl)-4-propyl-, (35,65)- (9CI)

Absolute stereochemistry

ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

870688-83-8 CAPLUS (CA INDEX NAME) (CA INDEX NAME)

870688-85-0 CAPLUS 2-Pyridinamine, 5-[(2R,55)-4-ethyl-5-methyl-2-morpholinyl]- (9CI) (CA INDEX NAME)

870688-86-1 CAPLUS 2-Pyridinamine, 5-[(25,58)-4-ethyl-5-methyl-2-morpholinyl]- (9CI) (CA INDEX NAME)

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L4 - ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

870688-75-8 CAPLUS
3-Morpholinemethanol, 6-(6-amino-3-pyridinyl)-4-propyl-, (3R,6R)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

870688-76-9 CAPLUS 3-Morpholinemethanol, 6-(6-amino-3-pyridinyl)-4-propyl-, (3R,65)- (9CI) (CA INDEX NAME)

870688-82-7 CAPLUS 2-Pyridinamine, 5-[(28,58)-4,5-diethyl-2-morpholinyl]- (9CI) (CA INDEX NAME)

ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS ON STN 870688-65-6P 870688-66-7P 870688-67-8P 870688-68-9P (Continued)

erused-es-SP RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (drug candidate; preparation of aminopyridine derivs. as selective

mane D3 agonists) B70688-65-6 CAPLUS 2-Pyridinamine, 5-[(2R,55)-5-methyl-4-(3-phenylpropyl)-2-morpholinyl}-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

870688-66-7 CAPLUS
2-Pyridinamine, 5-[(25,55)-5-methyl-4-(3-phenylpropyl)-2-morpholinyl]-(9CI) (CA INDEX NAME)

870688-67-8 CAPLUS 2-Pyridinamine, 5-[(25,55)-4-buty1-5-methy1-2-morpholiny1)- {9CI} (CA INDEX NAME),

870688-68-9 CAPLUS 2-Pyridinamine, 5-[(2R,5S)-4-butyl-5-methyl-2-morpholinyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

870688-71-4P 870688-80-5P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of aminopyridine derivs. as selective

nine
D3 agonists)
870688-71-4 CAPLUS
2-Pyridinamine, 5-{(2R,5S)-5-{(phonylmethoxy)methyl]-4-propyl-2-morpholinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

B70688-80-5 CAPLUS 2-Pyridinamine, 3-methyl-5-[(SS)-5-methyl-4-propyl-2-morpholinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry

870688-70-3P 870688-99-6P, (2R,5S)-2-(6-Aminopyridin-3-

ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

870688-81-6P 870688-87-2P 8/0688-81-04 8/0688-87-24 RL: PEP (Physical process); PYP (Physical process); RCT (Reactant); SPN (Synthetic preparation); PREP paration); PROC (Process); RACT (Reactant or reagent) (racemic intermediate; preparation of aminopyridine derivs. as

selective dopamine D3 agonists)
RN 870688-81-6 CAPLUS
CN 2-Pyridinamine, 5-[(53)-4,5-diethyl-2-morpholinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

870688-87-2 CAPLUS
2-Pyridinamine, 5-[(5S)-4-ethyl-5-methyl-2-morpholinyl]- (9CI) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

07/11/2007

ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
y1)-5-methylmorpholine-4-carboxylic, acid benzyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of aminopyridine derivs. as selective dopamine

agonists)
870688-70-3 CAPLUS
4-Morpholinecarboxylic acid, 2-(6-amino-3-pyridinyl)-5[[phenylmethoxy]methyl]-, 1,1-dimethylethyl ester, (2R,55)- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.

870688-99-6 CAPLUS 4-Morpholinecarboxylic acid, 2-(6-amino-3-pyridinyl)-5-methyl-phenylmethyl ester, (2R, SS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

870688-72-5P, [6-(6-Aminopyridin-3-yl)-4-propylmorpholin-3-yl]methanol RL: PAC (Pharmacological activity); PEP (Physical, engineering or

chemical

process); PYP (Physical process); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PRCO (Process); RACT (Reactant or reagent); USES (Uses) (Incemic intermediate; preparation of aminopyridine deriva. as selective dopamine D3 agonists)

RN 870688-72-5 CAPLUS

CN 3-Morpholinemethanol, 6-(6-amino-3-pyridinyl)-4-propyl- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:513545 CAPLUS
DOCUMENT NUMBER: 141:71567
Preparation of 2-phenylmorpholines and related compounds as dopamine agonists in the treatment of asevual dysfunction.

INVENTOR(S): Allerton, Charlotte Moria Norfor; Baxter, Andrew Douglas; Cook, Andrew Simon; Hepworth, David; Wong, Stephen Kwok-fung
PATENT ASSIGNEE(S): Pizer Linited, UK; Pfizer Inc.
SOURCE: PCT Int. Appl., 121 pp.
DOCUMENT TYPE: Patent

DOCUMENT TYPE: Patent English

LANGUAGE: FAMILY ACC. NUM. COUNT:

2508: 2508: 2508: 2004: 1572: R:	523 AE. CO, GH, LR, OM, TN, BY, ES, TR, 262 82598 214 AT, TE.	72 AG, CR, GM, LS, PG, TR, GH, KG, FI, BF,	AL, CU, HR, LT, PH, TT, GM, K2, FR, BJ,	Al AM, CZ, HU, LU, PL, TZ, KE, MD, GB, CF, Al Al Al	AT, DE, ID, LV, PT, UA, LS, RU, GR, CG,	2004 AU, DK, IL, MA, RO, UG, MW, TJ, HU, CI, 2004 2004 2004	0624 AZ. DM. IN. MD. RU. US. MZ. TM. IE. CM. 0624 0630 1223	BA, DZ, IS, MG, SC, UZ, SD, AT, IT, GA,	WO BB EC JP MX SD VC SL BE LU GN CA AU US EP	EE, KE, VN, SE, MC, GO, 2003-2003-2003-2003-	B56 BR, EG, KG, MW, SG, YU, TZ, CH, NL, GW, 2508: 3028: 7271: 8126:	3 BY. ES. KP, MX, SK, ZA, UG, CY, PT, ML, 262 78	BZ, FI, KR, MZ, SL, ZM, CZ, RO, MR,	2 CA, GB, KZ, NI. SY, ZW, DE, SE, NE,	OO31 CH, GD, LC, NO, TJ, AM, DK, SI, SN, OO31 OO31	202 CN GE LK NZ TM AZ EE SK TD 202 202 202
RW: 2508: 2003: 2004: 1572: R:	CO, GH, LR, OM, TN, BW, ES, TR, 262 3028 2598 214 AT,	CR, GM, LS, PG, TR, GH, KG, FI, BF,	CU, HR, LT, PH, TT, GM, K2, FR, BJ,	CE, HU, LU, PL, TZ, KE, MD, GB, CF, A1 A1 A1	DE, ID, LV, PT, UA. LS, RU, GR, CG,	DK, IL, MA, RO, UG, MW, TJ, HU, CI, 2004 2004 2004	DM, IN, MD, RU, US, MZ, TM, IE, CM, 0624 0630 1223	DZ, IS, MG, SC, UZ, SD, AT, IT, GA,	EC. JP. MX. SD. VC. SL. BZ. LU. GN. CA. US.	EE, KE, MN, SE, VN, SZ, BG, MC, GO, 2003- 2003- 2003-	EG, KG, MW, SG, YU, TZ, CH, NL, GW, 2508: 3028: 7271: 8126	ES. KP, MX, SK, ZA, UG, CY, PT, ML, 262 78 68	FI, KR, MZ, SL, ZM, CZ, RO, MR,	GB, KZ, NI. SY, ZW, DE, SE, NE,	GD, LC, NO, TJ, AM, DK, SI, SN, 0031 0031	GE LK NZ TM A2 EE SK TD 202 202 202
2508; 2003; 2004; 1572; R:	GH, LR, OM, TN, BW, ES, TR, 262 3028 2598 214 AT,	GM, LS, PG, TR, GH, KG, FI, BF,	HR, LT, PH, TT, GM, K2, FR, BJ,	HU. LU. PL. TZ. KE. MD. GB. CF. A1 A1 A1	ID, LV, PT, UA. LS, RU, GR, CG,	IL, MA, RO, UG, MW, TJ, HU, CI, 2004 2004 2004	IN, MD, RU, US, MZ, TM, IE, CM, 0624 0630 1223	IS, MG, SC, UZ, SD, AT, IT, GA,	JP. MX. SD. VC. SL. BE. LU. GN. CA US EP	KE, MN, SE, VN, SZ, BG, MC, GO, 2003- 2003-	KG, MW, SG, YU, TZ, CH, NL, GW, 2508: 3028: 7271: 8126	KP, MX, SK, ZA, UG, CY, PT, ML, 262 78 68	KR, MZ, SL, ZM, ZM, CZ, RO, MR,	KZ, NI. SY, ZW, DE, SE, NE,	LC, NO, TJ, AM, DK, SI, SN, 0031 0031	LK NZ TM AZ EE SK TD 202 202 202
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US 2003-470950P

A3 20031202 JP 2005-502342 US 2003-727168 A3 20031202 W 20031202 WO 2003-IB5683 JP 2006-157609 A3 20060606

MARPAT 141:71567 OTHER SOURCE(S):

III

Title compds. I [A = C-X, N: B = C-Y, N: R1 = H, alkyl: R2 = H, alkyl: X

H, OH, CONH2, etc.; Y'= H, OH, NH2, etc.; Z = H. OH, F, etc.] their enantiomers and pharmaceutically acceptable salts were prepared For example. BH3-THF reduction of lactam II, e.g., prepared from 3-methoxybenzaldehyde in 5-steps, afforded 2-phenylmorpholine III in 84% yield. Compds. I expressed EC50 values < 1000 nM with 10-fold selectivity

-for D3 over D2, e.g., one example of compound I exhibited an EC50 value

7.6 nM and 1315.8 fold selectivity for D3 over D2. Compds. I are claimed useful for the treatment of sexual dysfunction, e.g., hypoactive sexual activity, orgasmic disorders, erectile dysfunction, etc.
710655-10-0P 710655-15-5P
RTP (Pharmacological activity), SPN (Synthetic preparation); THU (Therapeutic use); B101 (Biological atudy); PREP (Preparation); USES

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ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(Uses)
(prepn. of 2-phenylmorpholines and related compds. as dopamine
agonists
in the treatment of sexual dysfunction.)
RN 710655-10-0 CAPLUS
CN 2-Pyridinamine, 5-[(25,53)-5-methyl-4-propyl-2-morpholinyl]- (9CI) (CA
INDEX NAME)

Absolute stereochemistry. Rotation (+).

710655-15-5 CAPLUS 2-Pyridinamine, 5-[(2R,5s)-5-methyl-4-propyl-2-morpholinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y) /N/HOLD: y

COST IN U.S. DOLLARS

SINCE FILE TOTAL ' E FILE ENTRY

SESSION

FULL ESTIMATED COST

16.28

188,59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY

TOTAL SESSION

CA SUBSCRIBER PRICE

-2.34

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STN INTERNATIONAL LOGOFF AT 11:28:26 ON 11 JUL 2007